Patent claims

1.   A method for adaptation of an intelligent unit to an
application and/or an installation location, comprising the
following steps:
association of a configuration device (21, 22, 24, 25) with
the defined application and/or a defined location (2), and
storage of application-based and/or location-based
configuration data and/or behavior description data in the
configuration device (21, 22, 24, 25) in such a way that
data can be transmitted from the configuration device (21,
22, 24, 25) to a logic device for processing of data for
configuration of the intelligent unit.

2.   The method as claimed in claim 1, furthermore comprising
the following steps:
provision of the intelligent unit (11, 12, 13, 14, 15) with
the associated logic device for processing of data for
configuration of the intelligent unit,
coupling of the intelligent unit to a system which comprises
the defined application and/or the defined location (2),
connection of the intelligent unit to the configuration
device (21, 22, 24, 25), and
transmission of the data from the configuration device (21,
22, 24, 25) to the logic device.

3.   The method as claimed in claim 1 or 2, furthermore
comprising data from the intelligent unit (11, 12, 13, 14,
15) being transmitted to the configuration device (21, 22,
24, 25) and being stored there.

4.   The method as claimed in claim 1, 2 or 3, furthermore
comprising data matching being carried out between the
intelligent unit (11, 12, 13, 14, 15) and the configuration

device (21, 22, 24, 25).

5.   The method as claimed in one of the preceding claims,
furthermore comprising the intelligent unit (11, 12, 13, 14,
15) being included within a network.

6.   The method as claimed in one of the preceding claims,
furthermore comprising the storage and/or the transmit of the
application-based and/or location-based configuration data
and/or behavior description data being carried out as a
single step, or as a repeatable step.

7.   The method as claimed in one of the preceding claims,
furthermore comprising the storage and/or the transmit of the
application-based and/or type-based configuration data and/or
behavior description data securely.

8.   An apparatus for carrying out the method as claimed in
one of claims 1 to 7.

9.   The apparatus as claimed in claim 8, comprising
an intelligent unit (11, 12, 13, 14, 15) with an associated
logic device for processing of data for configuration of the
intelligent unit (11, 12, 13, 14, 15) and
a configuration device (21, 22, 24, 25), which is associated
with a defined application and/or a defined location (2), for
storage of application-based and/or location-based
configuration data and/or behavior description data,
wherein the intelligent unit (11, 12, 13, 14, 15) and the
configuration device (21, 22, 24, 25) can be connected to one
another in such a way that data can be transmitted at least
from the configuration device (21, 22, 24, 25) to the logic
device.

10. The apparatus as claimed in claim 8, comprising
a configuration device (21, 22, 24, 25), which can be
associated with a defined application and/or a defined
location (2), for storage of application-based and/or
location-based configuration data and/or behavior description
data,
wherein the configuration device (21, 22, 24, 25) can be
connected to a logic device for processing of data for
configuration of an intelligent unit (11, 12, 13, 14, 15), in
such a way that data can be transmitted at least from the
configuration device (21, 22, 24, 25) to the logic device.

11. The apparatus as claimed in claim 8, comprising
an intelligent unit (11, 12, 13, 14, 15) with an associated
logic device for processing of data for configuration of the
intelligent unit (11, 12, 13, 14, 15),
wherein the intelligent unit (11, 12, 13, 14, 15) can be
connected to a configuration device (21, 22, 24, 25), which
is associated with a defined application and/or a defined
location (2), for storage of application-based and/or
location-based configuration data and/or behavior description
data, in such a way that data can be transmitted at least
from the configuration device (21, 22, 24, 25) to the logic
device.

12. The apparatus as claimed in one of claims 8 to 11,
furthermore comprising
the intelligent unit (11, 12, 13, 14, 15) being included
within a network.

13. The apparatus as claimed in one of claims 8 to 12,
furthermore comprising
the intelligent unit (11, 12, 13, 14, 15) having a system
component.

14. The apparatus as claimed in one of claims 8 to 13, furthermore comprising
the application-based and/or location-based data comprising
5 an address, a component identification, configuration data
and/or data for configuration.

15. The apparatus as claimed in one of claims 8 to 14, furthermore comprising
10 the logic device which is associated with the intelligent
unit (11, 12, 13, 14, 15) being designed for data
transmission to the configuration device (21, 22, 24, 25).

16. The apparatus as claimed in one of claims 8 to 15,
15 furthermore comprising
the configuration device (21, 22, 24, 25) being designed to
receive and store data from the logic device which is
associated with the intelligent unit (11, 12, 13, 14, 15).

20 17. The apparatus as claimed in one of claims 8 to 16, furthermore comprising
the configuration device (21, 22, 24, 25) being permanently
or detachably connected to the coupling location of the
intelligent unit (11, 12, 13, 14, 15).
25

18. The apparatus as claimed in one of claims 8 to 17, furthermore comprising
the configuration device (21, 22, 24, 25) being part of
permanent wiring, to which the intelligent unit (11, 12, 13,
30 14, 15) can be coupled.

19. The apparatus as claimed in one of claims 8 to 18, furthermore comprising
the configuration device (21, 22, 24, 25) being associated
35 with a connecting device, which is arranged at the coupling

location (2) of the intelligent unit (11, 12, 13, 14, 15),
for connection of the intelligent unit (11, 12, 13, 14, 15).

20. The apparatus as claimed in one of claims 8 to 19,
furthermore comprising
the configuration device (21, 22, 24, 25) being designed for
storage, reading and/or processing of further data.

21. The apparatus as claimed in one of claims 8 to 20,
furthermore comprising
the data of the configuration device (21, 22, 24, 25) being
variable, readable and/or processable by remote control
and/or externally.

22. The apparatus as claimed in one of claims 8 to 21,
furthermore comprising
the configuration device (21, 22, 24, 25) and the intelligent
unit (11, 12, 13, 14, 15) having complementary means for
provision of a unidirectional and/or bidirectional data
transmission connection, in particular using screw-in and/or
plug-in connectors, a contact-based, optical and/or a radio
connection.

23. The apparatus as claimed in one of claims 8 to 22,
furthermore comprising
the configuration device (21, 22, 24, 25) being designed as
equipment for an automation system.

24. The apparatus as claimed in one of claims 8 to 23,
furthermore comprising
the configuration device (21, 22, 24, 25) and/or the logic
device having hardware and/or software elements.

25. The apparatus as claimed in one of claims 8 to 24,
furthermore comprising

the logic device which is associated with the configuration device (21, 22, 24, 25) being part of the configuration device or part of a further device which can be connected to the configuration device, in particular a central control device.

26. Use of an apparatus as claimed in one of claims 8 to 25 for carrying out a method as claimed in one of claims 1 to 7.

27. A system having at least one apparatus as claimed in one of claims 8 to 25.

28. The system as claimed in claim 27 for operation of an automation system.